



ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TX 1CT : 1
RX 1CT : 1

CL @ 100kHz/100mVRMS

8mA DC BIAS 350μH MIN.

INS. LOSS

1MHz TO 100MHz -1.0 dB MAX

RET. LOSS (MIN)

1MHz-30MHz -18 dB
30MHz-60MHz -18+20LOG(F/30MHz) dB
60MHz-80MHz -12 dB

CROSS TALK (TX - RX)

500kHz-100MHz -35 dB MIN

CM TO CM REJ

100kHz-100MHz -30 dB MIN

CM TO DM REJ

100kHz-100MHz -40 dB MIN

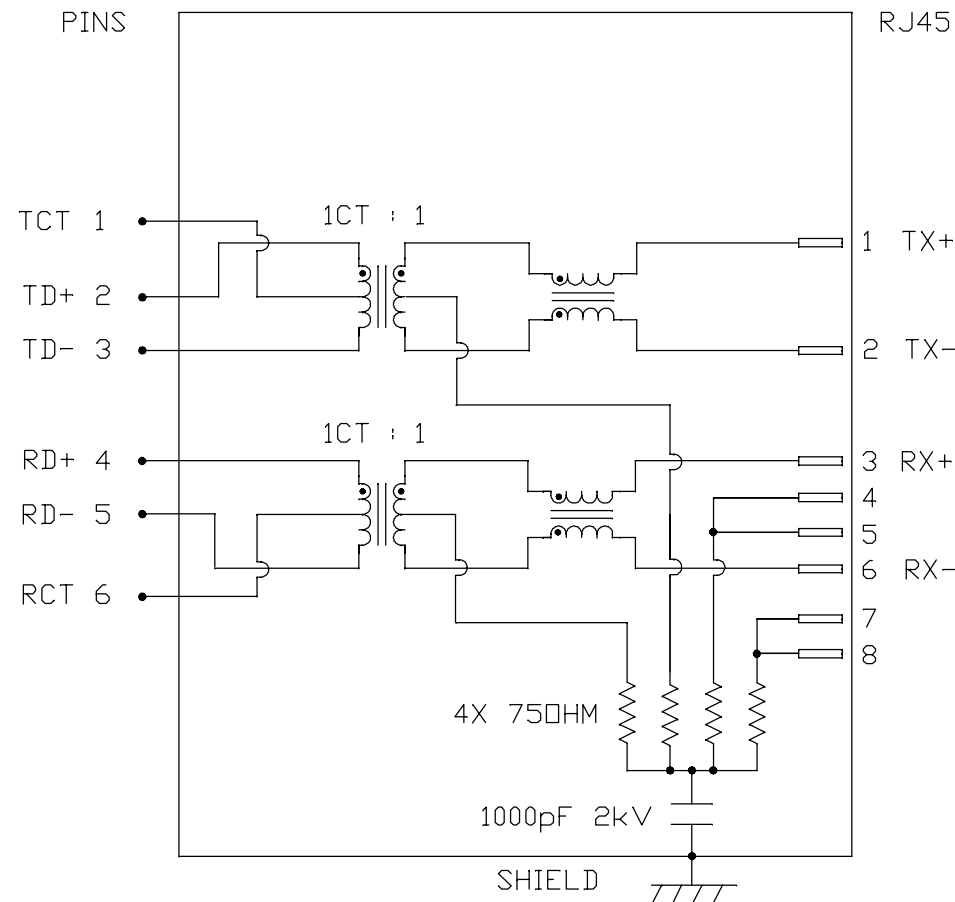
HIPOT (Isolation Voltage):

1500 Vrms

100% OF PRODUCTION TESTED TO COMPLY
WITH IEEE 802.3 ISOLATION REQUIREMENT

OPERATING TEMPERATURE: -40°C TO 85°C

SCHEMATIC



ORIGINATED BY
CHOW WANCHUNG
DATE 2017-06-07

DRAWN BY
XIE YIMING
DATE 2017-06-07

TITLE
MagJack®
4 CORE, WITH CM TERM
Extended temperature
S811-1X1T-36-F

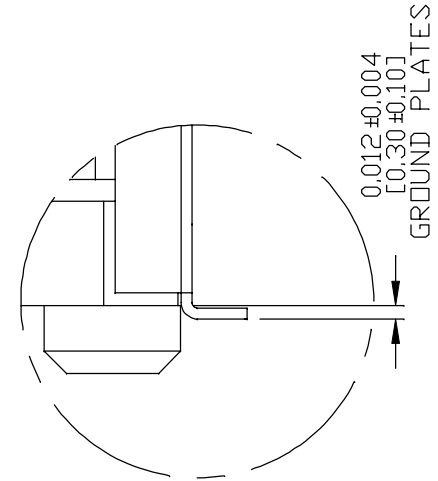
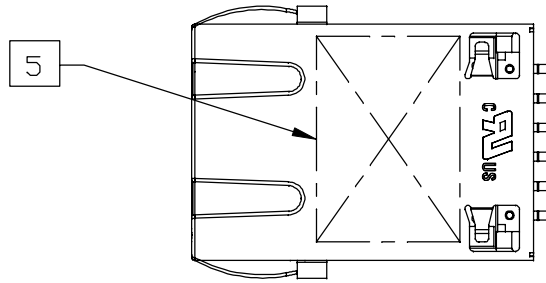
PART NO. / DRAWING NO.
S811X1T36-F

FILE NAME
S811X1T36-F_E.DWG

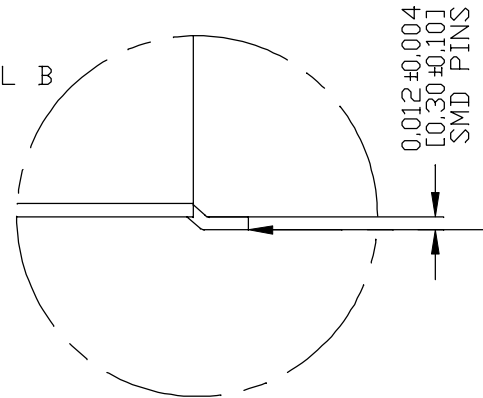
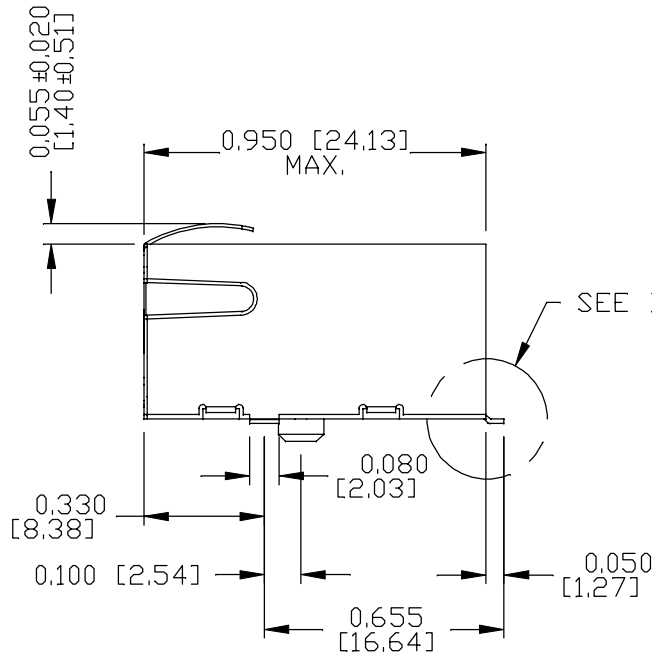
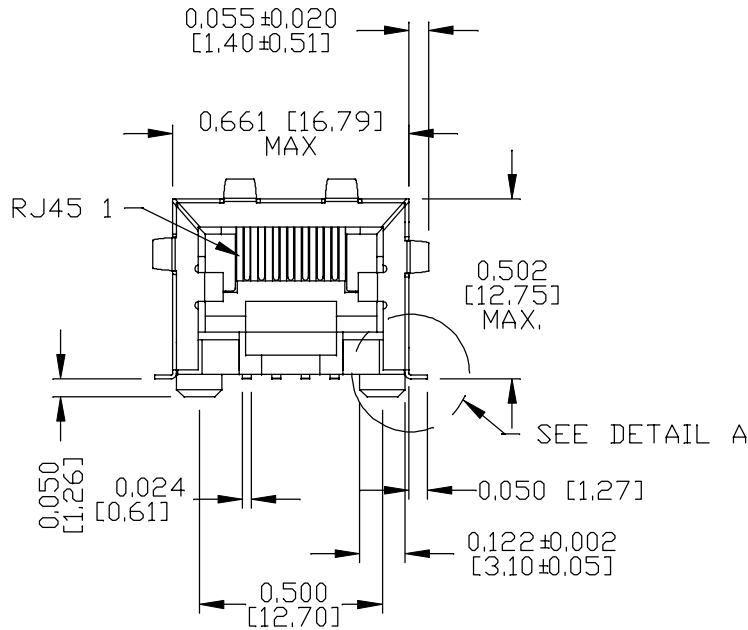
STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REF.
.X		UNIT : INCH [mm]
.XX		SCALE : N/A
.XXX		SIZE : A4

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RoHS



DETAIL A
SCALE 3:1



DETAIL B
SCALE 3:1

0.006
0.006

ORIGINATED BY
ANTON LIAO
DATE 2017-06-07
DRAWN BY
SANDY LIN
DATE 2017-06-07

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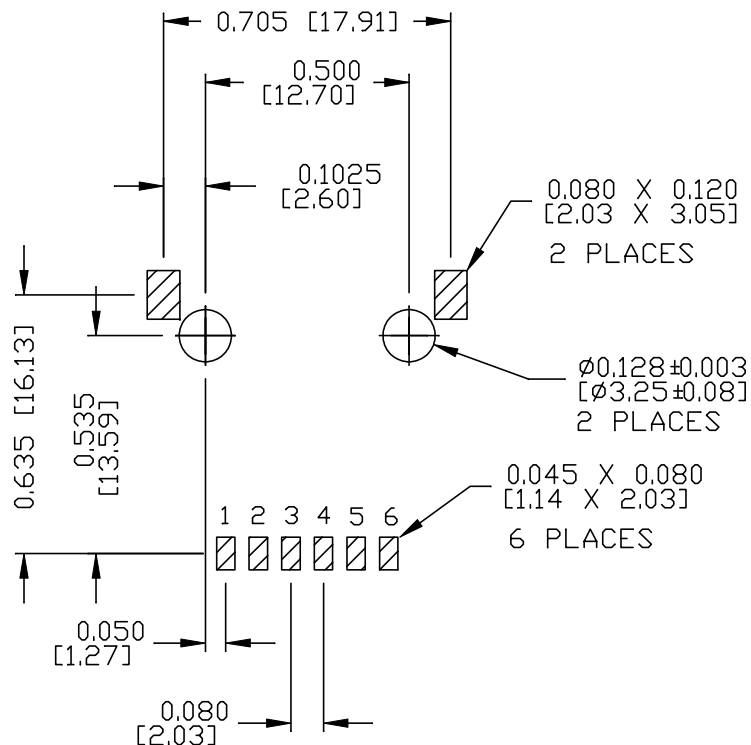
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REV. : E PAGE : 3





RECOMMENDED PCB FOOTPRINT COMPONENT SIDE VIEW



NOTES:

1. PLASTIC HOUSING: THERMOPLASTIC PA & THERMOSET PHENOLIC, BLACK
FLAMMABILITY RATING UL 94V-0
2. CONTACTS PLATING: 50 MICRO-INCH HARD GOLD PLATING
OR EQUIVALENT.
3. PINS: TIN-COATED COPPER WIRE,
0.024 [0.6] X 0.012 [0.3] THK,
100 MICRO-INCH MIN MATTE TIN. PINS ARE
SOLDER DIPPED.
4. METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
5. MARK PART WITH MFG. LOGO, MFG. NAME, PART NUMBER, DATE CODE.
c  USUL RECOGNIZED - FILE #E196366 AND E169987.
6. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.
7. THE PRODUCT IS RoHS COMPLIANT.
8. THE PART IS RECOMMENDED FOR IR REFLOW.
THE SUGGESTED PEAK IR REFLOW CONDITION IS 245°C MAX AND
30 SECONDS MAX.

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S8111X1T36-F

FILE NAME
S8111X1T36-F_E.DWG

STANDARD DIM.
TOL. IN INCH

.X
.XX
.XXX

[] METRIC DIM.
AS REF.

UNIT : INCH [mm]
SCALE : N/A
SIZE : A4

REV. : E

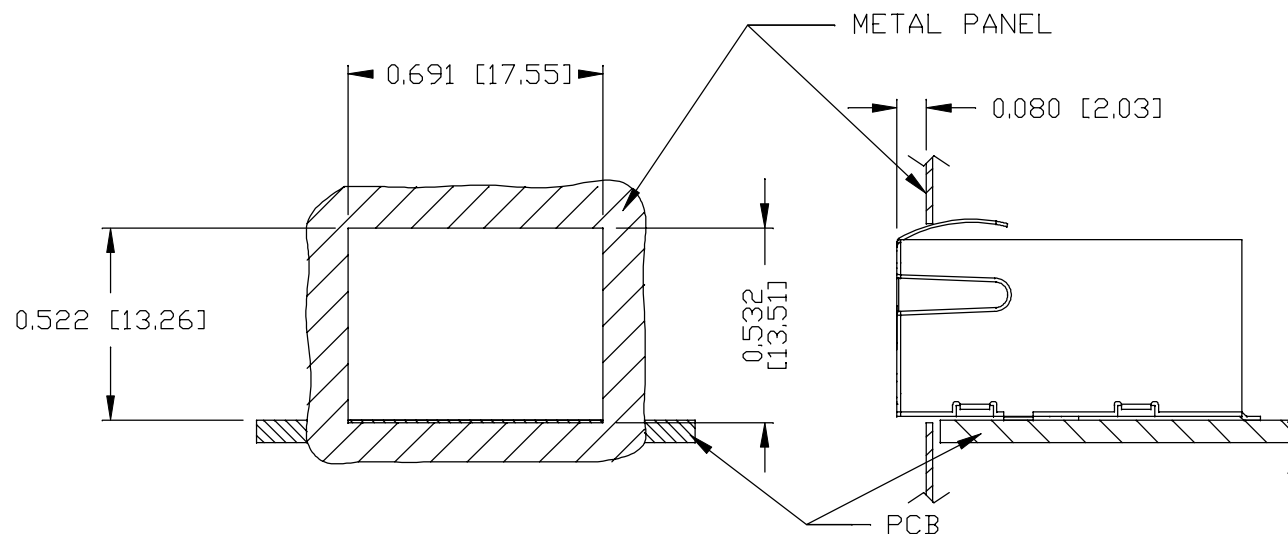
PAGE : 4



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SOLUTIONS
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SUGGESTED PANEL OPENING



NOTES:

THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT
SURFACE OF PART IS ONLY A SUGGESTION.

IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED
PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

REV. :	E	PAGE :	5
			

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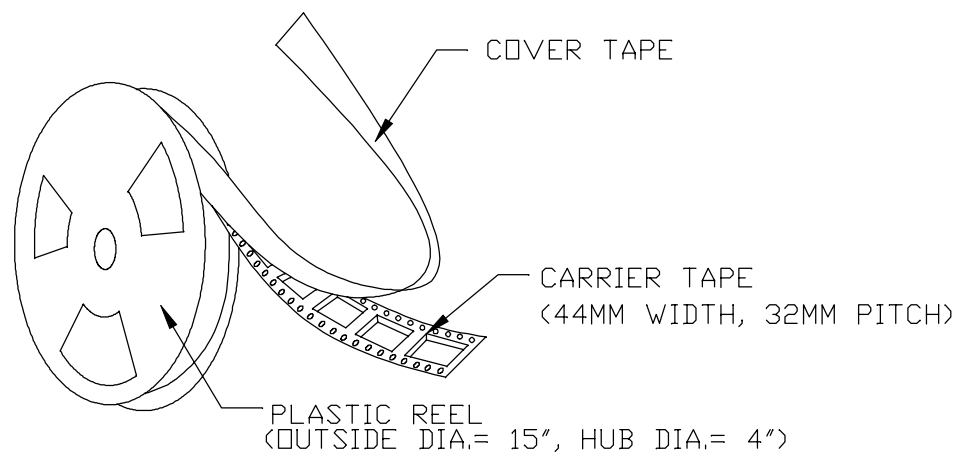
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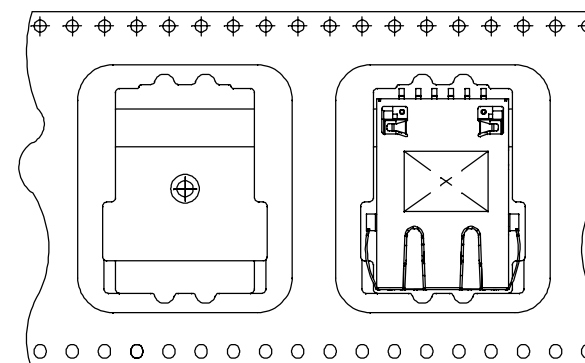
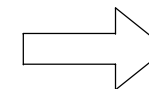
STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REF.
.X	UNIT : INCH [mm]
.XX	SCALE : N/A
.XXX	±0.004
	SIZE : A4

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RoHS



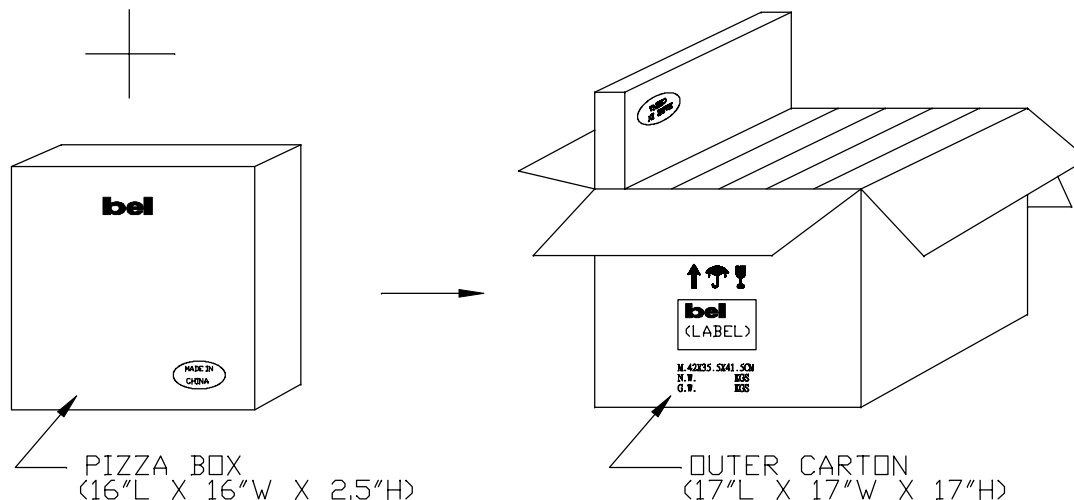
USER FEED DIRECTION



PART ORIENTATION & FEEDING DIRECTION.

NOTES:

- 1) LEAVES 48 INCHES COVER TAPE AND 5 EMPTY POCKETS AT TRAILER.
- 2) LEAVES 24 INCHES COVER TAPE AND 13 EMPTY POCKETS AT LEADER.
- 3) PACK 175 PCS PER REEL.
- 4) EACH PIZZA BOX CONTAINS ONE (1) REEL.
(175 PCS FINISHED GOODS EACH PIZZA BOX).
- 5) EACH OUTER CARTON CONTAINS SIX (6) PIZZA BOXES.
(1050 PCS FINISHED GOODS EACH OUTER CARTON).



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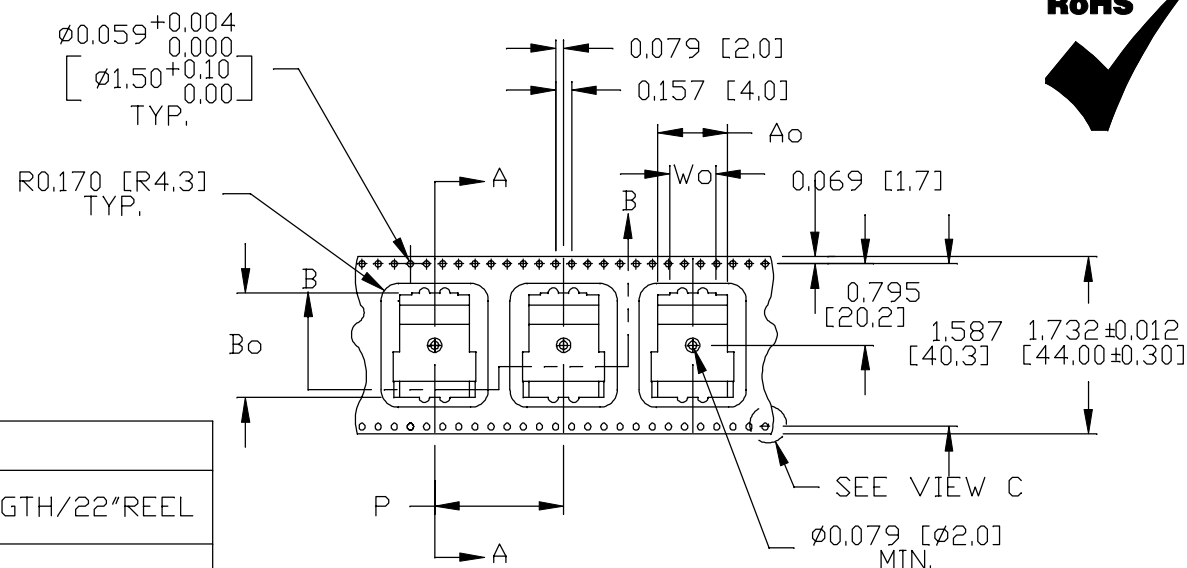
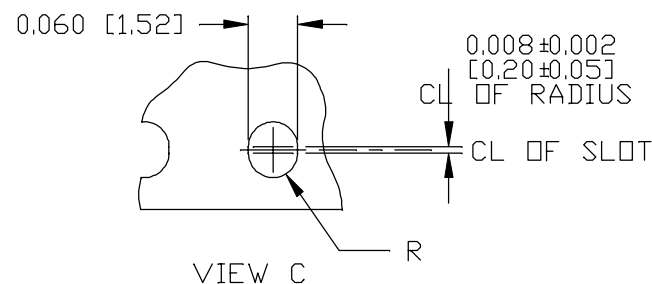
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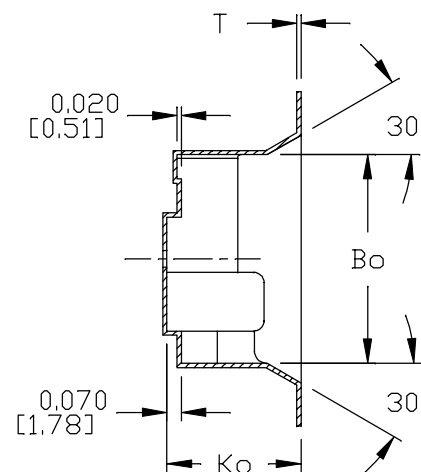


DIMENSION CHART							
PART NUMBER	Ao	Bo	Ko	P	Wo	T	LENGTH/22" REEL
N220-0405-46	0.670 [17.02]	1.010 [25.65]	0.635 [16.13]	1.260 [32.00]	0.505 [12.83]	0.020 [0.50]	13 METERS

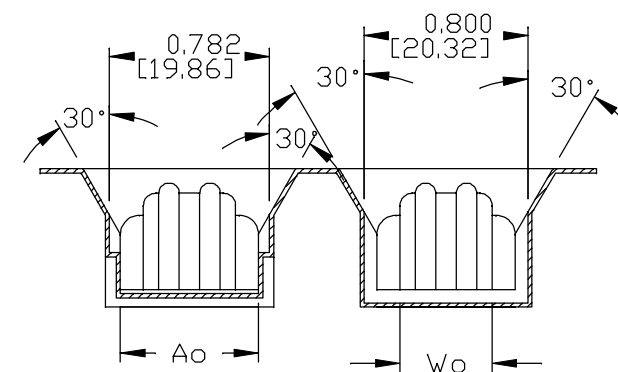
NOTES :

1. ALL OTHER SPECIFICATIONS SHOULD MEET EIA 481-D STANDARD.
2. CARRIER TAPE: N220-0405-46

FOR CARRIER TAPE



SECTION A-A



SECTION B-B

ORIGINATED BY ANTON LIAO DATE 2017-06-07		TITLE MagJack® 4 CORE, WITH CM TERM Extended temperature S811-1X1T-36-F	PART NO. / DRAWING NO. S8111X1T36-F		STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REF.	
DRAWN BY SANDY LIN DATE 2017-06-07			FILE NAME S8111X1T36-F_E.DWG		.X		UNIT : INCH [mm]	
					.XX		SCALE : N/A	
					.XXX		±0.004	
							SIZE : A4	
								